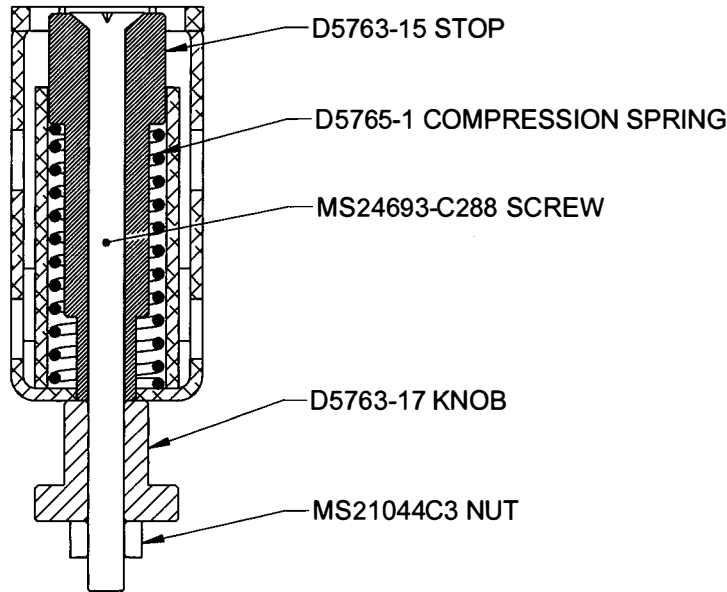
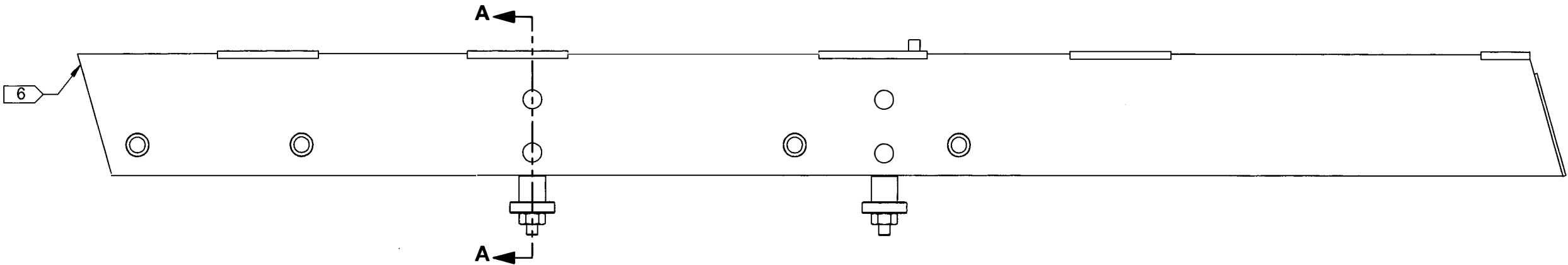
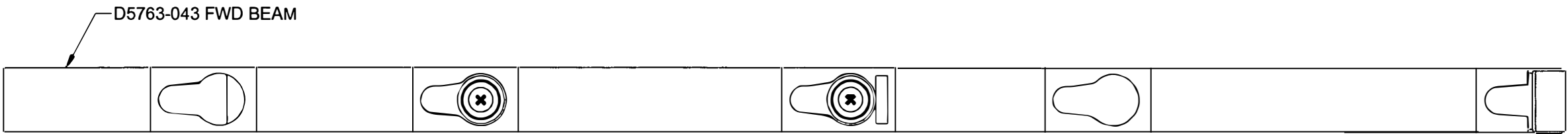


QTY -041	P/N	DESCRIPTION
X	D5763-041	FWD BEAM ASSY
1	D5763-043	FWD BEAM
2	D5763-15	STOP
2	D5763-17	KNOB
2	D5765-1	COMPRESSION SPRING
2	MS21044C3	NUT
2	MS24693-C288	SCREW



SECTION A-A
SCALE 2X, 2 PL



D5763-041 FWD BEAM ASSY
(DERIVED FROM AERO DESIGN P/N 78635-01-00)

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5763-041" AND S/N PER DART QSI 044 6.4 ON INSIDE SURFACE
 - 7) WEIGHT: 3.01 lbs

RELEASED

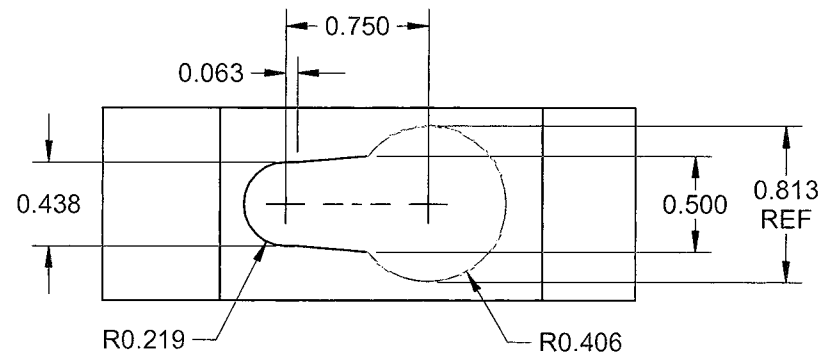
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ECN 2020-524

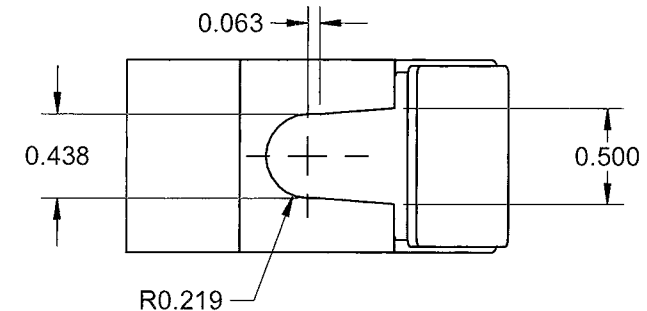
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A	NEW ISSUE	SAD	19.12.18
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DRAWN	SAD	HAWKESBURY, ONTARIO, CANADA	
CHECKED	NO	DRAWING NO.	REV. A
MFG. APPR.	DD	D5763	SHEET 1 OF 10
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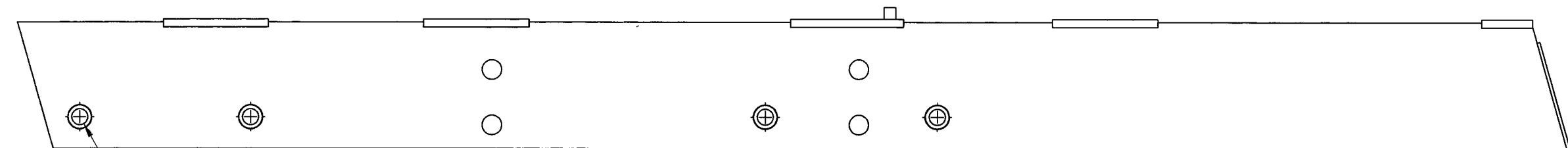
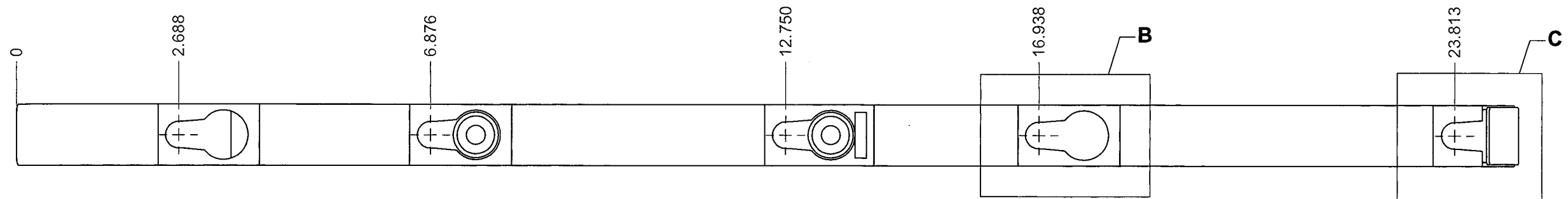
UNDER REVIEW
ECR: HB ECN20-91



DETAIL B
SCALE 2X, 4 PL



DETAIL C
SCALE 2X



OPEN HOLES
IN BUSHINGS
TO $\phi 0.257$
4 PL

D5763-043 FWD BEAM

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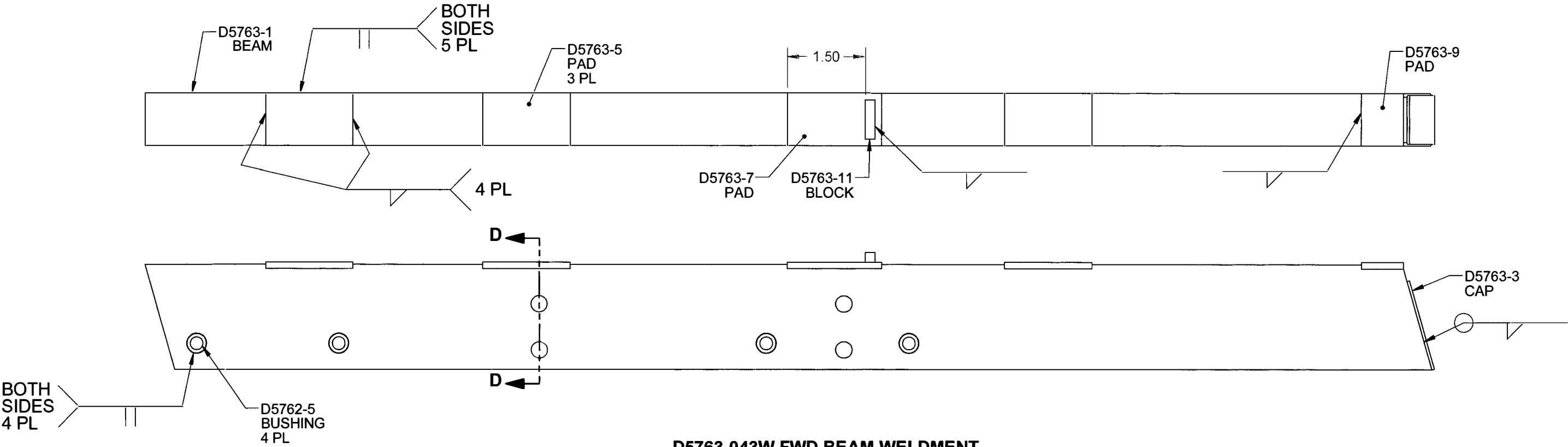
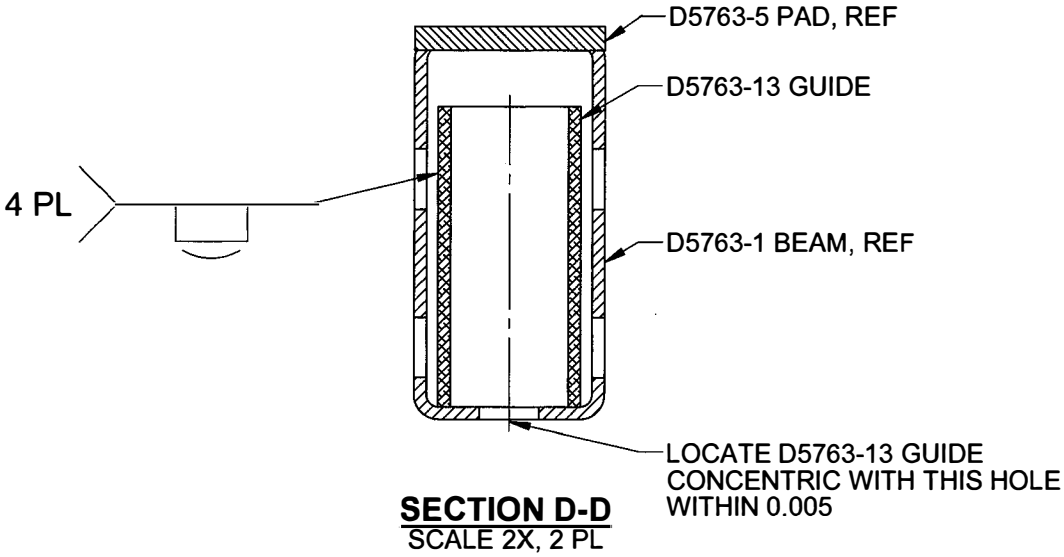
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NO
DD
NO
CP

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
D5763
TITLE
FWD BEAM
REV. A
SHEET 2 OF 10
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UNDER REVIEW
ECR: HB ECN20-91

- NOTES:**
- 1) MATERIAL: MAKE FROM D5763-043W
 - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3 AFTER MACHINING
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.85 lbs

QTY -043W	P/N	DESCRIPTION
X	D5763-043W	FWD BEAM WELDMENT
4	D5762-5	BUSHING
1	D5763-1	BEAM
1	D5763-3	CAP
3	D5763-5	PAD
1	D5763-7	PAD
1	D5763-9	PAD
1	D5763-11	BLOCK
2	D5763-13	GUIDE



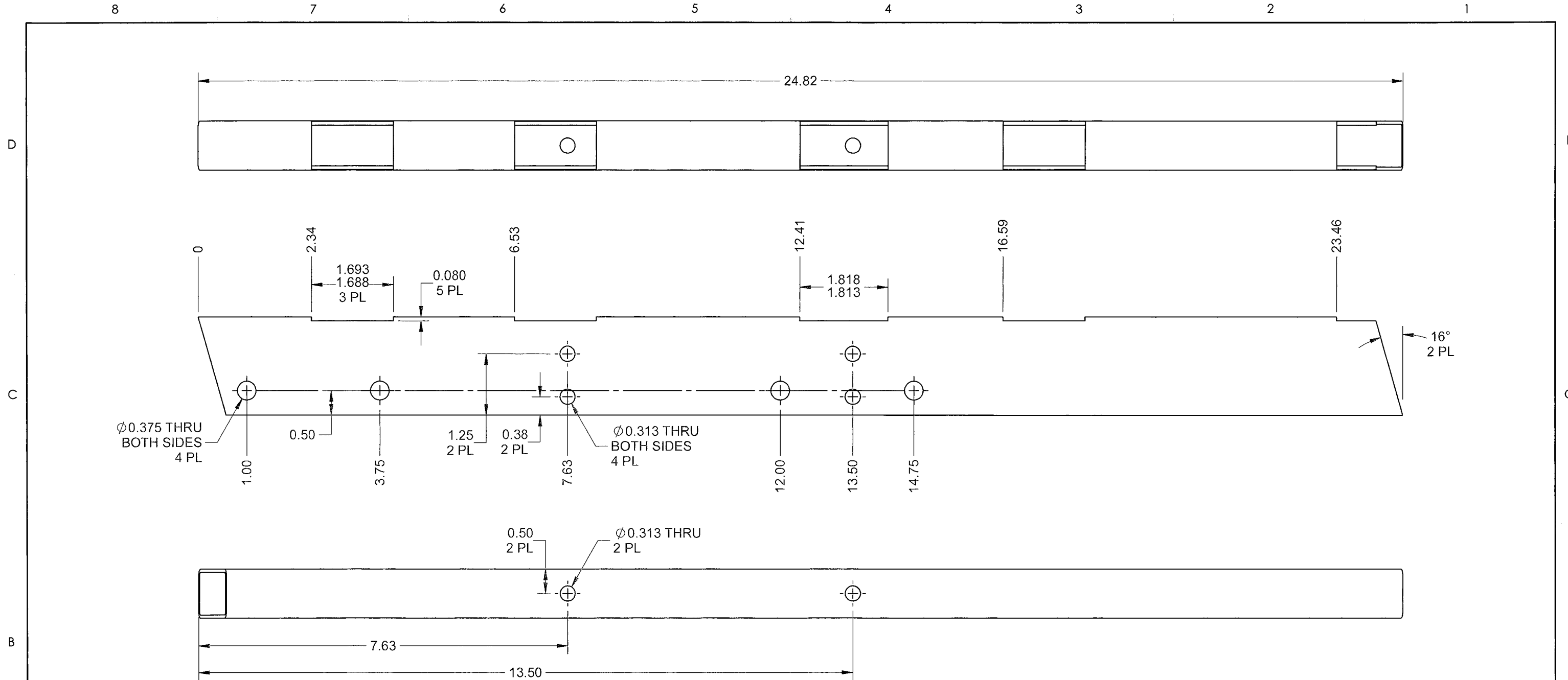
D5763-043W FWD BEAM WELDMENT

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.85 lbs
 - 8) WELD PER DART QSI 004

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UNDER REVIEW
ECR: HB ECN20-91



D5763-1 BEAM
(DERIVED FROM AERO DESIGN P/N 78634-02)

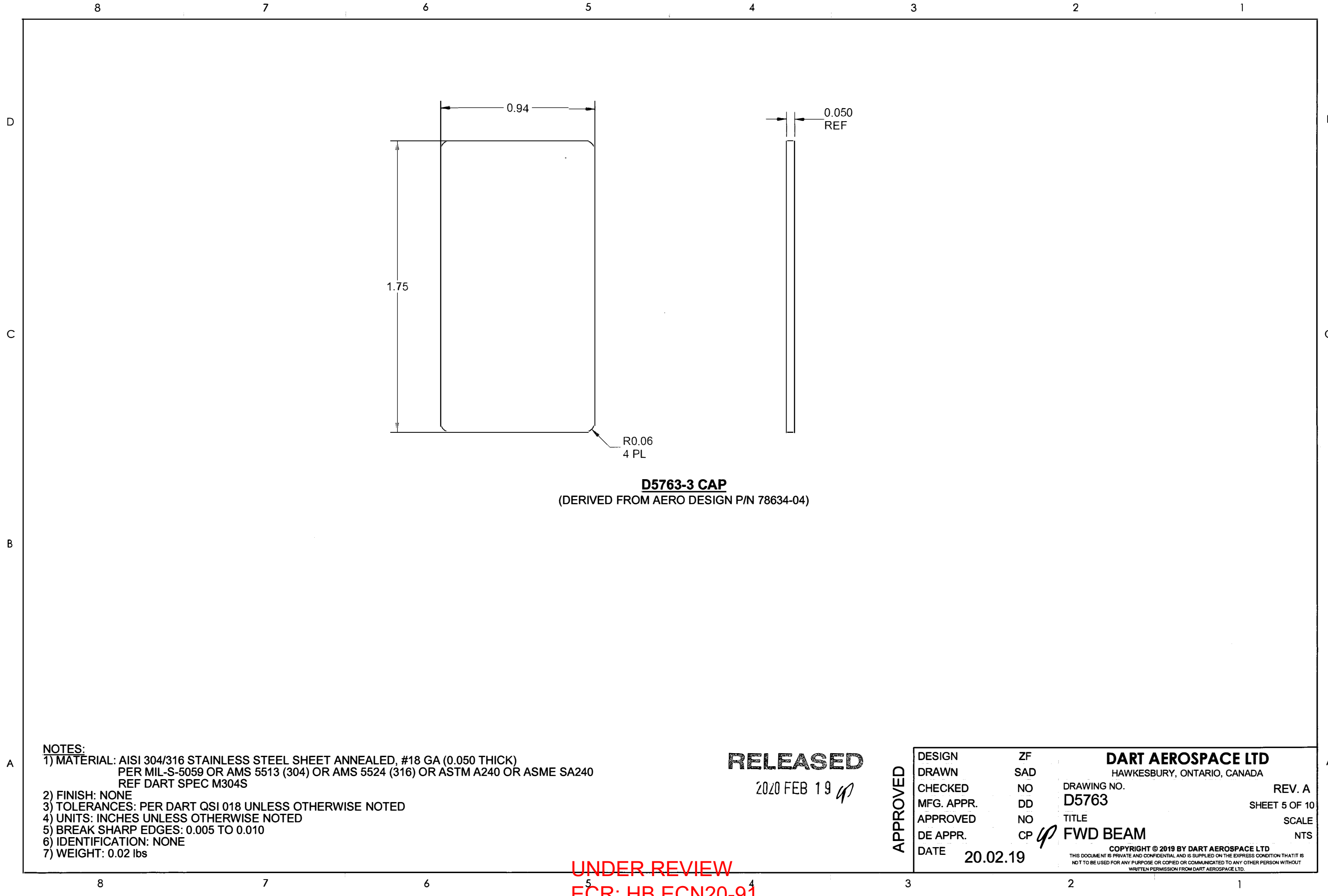
- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING, 2.00 X 1.00 X 0.065 WALL
PER ASTM A554 OR ASTM A269
REF DART SPEC M304TS
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.35 lbs

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NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET ANNEALED, #18 GA (0.050 THICK)
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240
REF DART SPEC M304S
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010
6) IDENTIFICATION: NONE
7) WEIGHT: 0.02 lbs

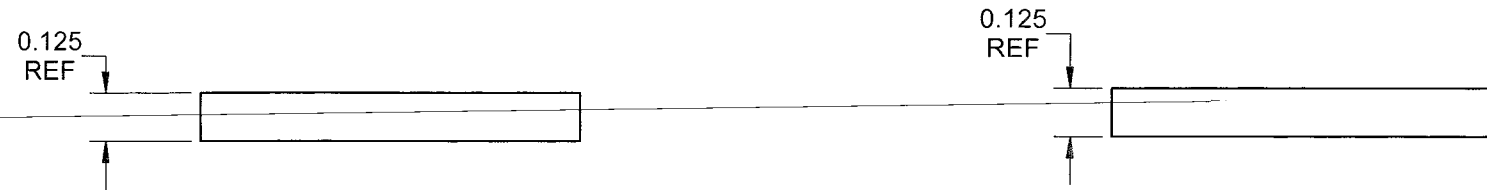
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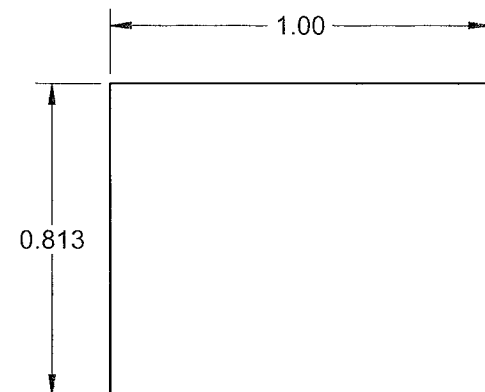
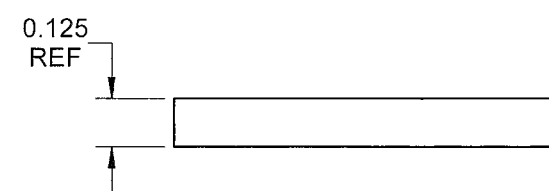
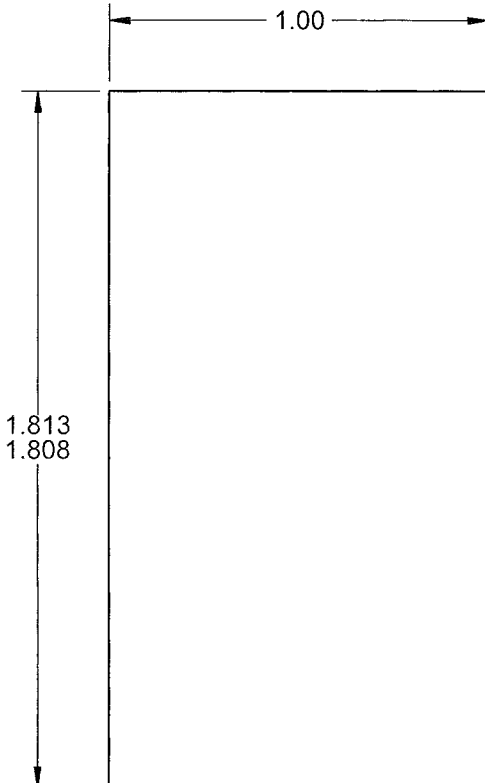
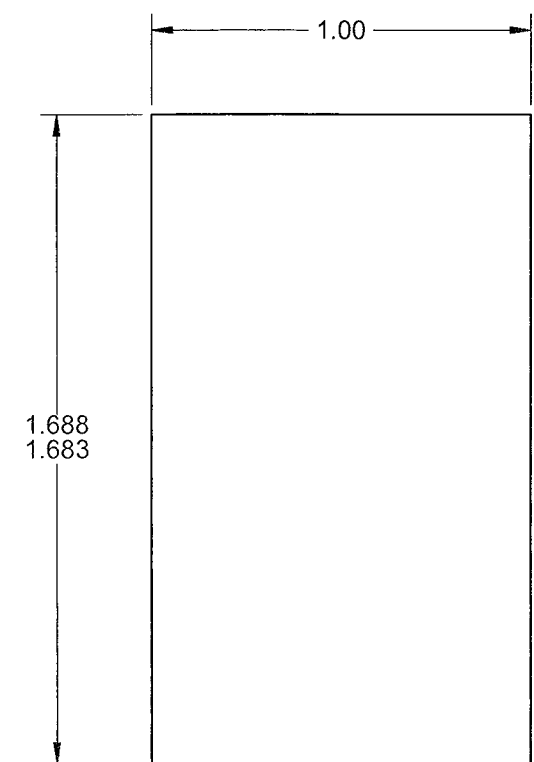
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D5763-5 PAD
(DERIVED FROM AERO DESIGN P/N 78634-03)

D5763-7 PAD
(DERIVED FROM AERO DESIGN P/N 78634-12)

D5763-9 PAD
(DERIVED FROM AERO DESIGN P/N 78634-11)

- NOTES:
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL BAR OR PLATE, 1/8 THICK
PER ASTM A276 OR ASTM A240 OR MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASME SA240
REF DART SPEC M304B OR M304S
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: -5: 0.06 lbs
-7: 0.06 lbs
-9: 0.03 lbs

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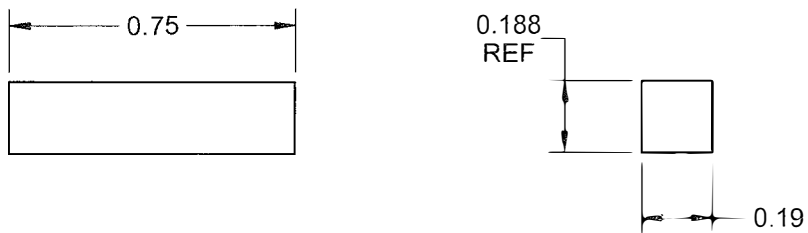
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D5763-11 BLOCK
(DERIVED FROM AERO DESIGN P/N 69830-07)

- NOTES:
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL BAR OR PLATE, 3/16 THICK
PER ASTM A276 OR ASTM A240 OR MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASME SA240
REF DART SPEC M304B OR M304S
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.01 lbs

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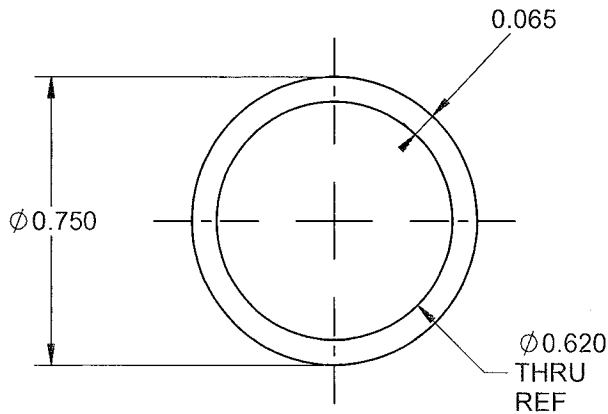
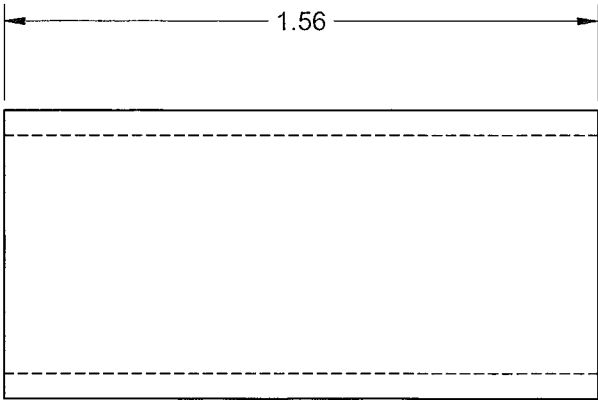
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D5763-13 GUIDE
(DERIVED FROM AERO DESIGN P/N 69830-11)

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING, 3/4 OD X 0.065 WALL
PER ASTM A213 OR ASME SA213 OR ASTM A269
REF DART SPEC M304TR
OR
AISI 304/316 STAINLESS STEEL ROUND BAR
PER ASTM A276 OR ASTM A479
REF DART SPEC M304R
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.06 lbs

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2020 FEB 19 *JP*

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DATE

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CP

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. **D5763**
TITLE **FWD BEAM**
REV. A
SHEET 8 OF 10
SCALE
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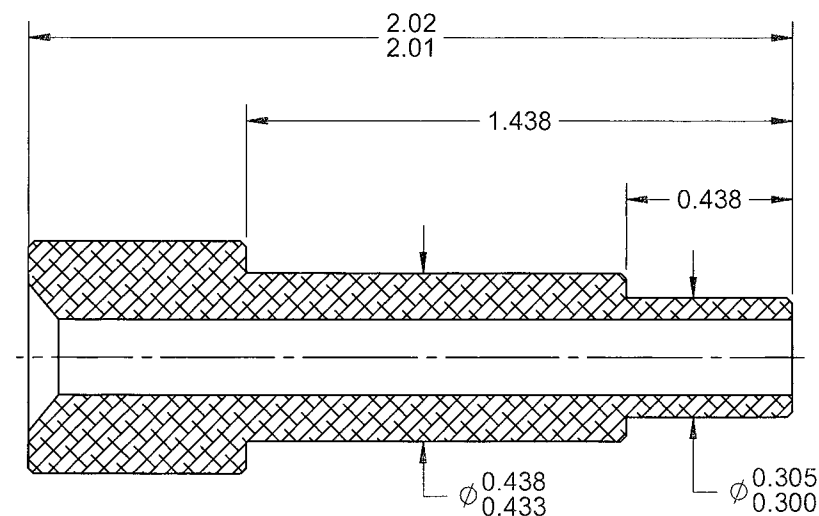
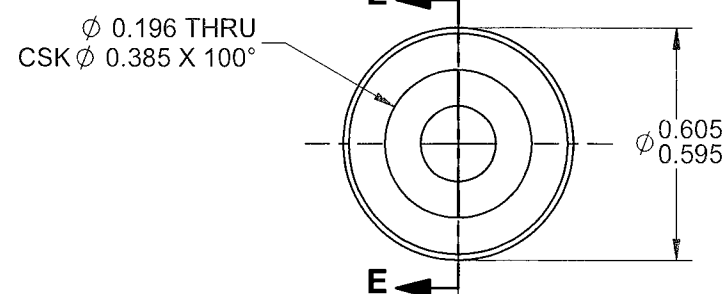
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**SECTION E-E****D5763-15 STOP**

(DERIVED FROM AERO DESIGN P/N 69830-21)

NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6R
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.03 lbs

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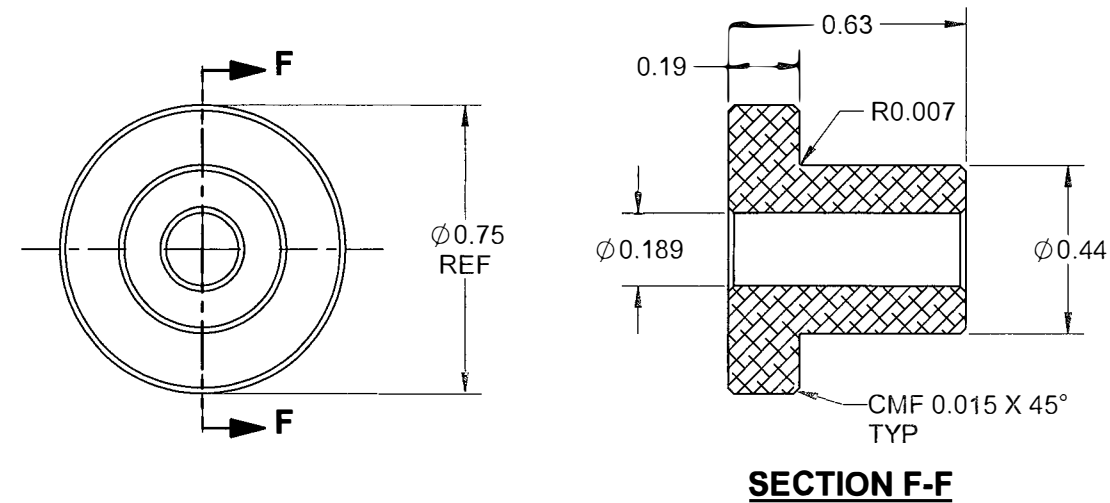
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D5763-17 KNOB
(DERIVED FROM AERO DESIGN P/N 69830-22)

- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR, 3/4" DIA
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6R
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.01 lbs

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2020 FEB 19

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